WORK ORDER

Page: 1

Otter Tail Ag Enterprises, LLC

WO:

001831

Account:

Project:

Status: |

Submitted By:

Contact: Date, Time: PM SCHEDULE

08/03/10,09:19

Phone:

Phone:

Required:

08/16/10

Priority:

Type: PM3

Dispatched To: Rating:

7

Failure: Est Down:

OS Date, Time: Safety Procs:

Action: Downtime:

RS Date, Time: PM Desc:

PM0001 W VISUAL INSPECTION

ROUTE INFORMATION

Route:

5000

DRYER/DDGS

PROBLEM DESCRIPTION

VISUALLY INSPECT MACHINE, NOTING ANY THING OUT OF THE ORDINARY, EG: LEAKS, SMOKE, UNUSAL VIBRATION, SPARKS ETC. ALSO NOTE ANY UNUSAL NOISES. IF A MINOR PROBLEM IS FOUND, REPAIR. CHECK OIL LEVELS WHERE APPLICABLE. CHECK SEAL POT LEVEL AND PRESSURE WHERE APPLICABLE.

COMMENTS

AUTHORIZATION/COMPLETION INFORMATION

Authorized By:

Planned By: Completed By: PM SCHEDULE

Authorized:

08/03/10

Planned: Completed:

Otter Tail Ag Enterprises, LLC Page:1

Route:

5000; DRYER/DDGS

WO:

001831

WO:		001831	PM : PM0001	1	WO Status:
Stop	CD	Eqp/Loc/CC Description	Location	Stock	Qty
1	Ε	Y-5101 WETCAKE COLLECTING CONVEYOR	2		
2	Е	X-5201 M1 SYRUP MIXER (PMSX-11)			
3	Е	Y-5201 WET CAKE TRANSFER CONVEYOR			
4	Е	X-5202 M19 WET FEED SCREW CONVEYOR (SCRU-13)			
5	Е	Y-5202 M4 WET CAKE FEED CONVEYOR			
6	Е	X-5208 M2 DOUBLE SHAFT PADDLE MIXER (PMXT-11)			
7	E	X-5209 M3 MIXER OUTLET SCREW CONVEYOR (SCRF-11)			
8	E	DR-5250 M12 ROTARY DRUM DRIVE (ROTO-11)	DRYER*_*_*_*_		
9		X-5221 M5 HOPPER OUTLET SCREW (SCRU-11)			
10		RV-5221 M6 DRUM DISCHARGE ROTARY VALVE (RVAL-12)			
11		X-5212 M7 CYCLONE COLLECTION SCREW A (SCRO-11A)			
12		RV-5202 M9 CYCLONE COLLECTION ROTARY VALVE (RVAL-11A)			
3 E	1	X-5213 M8 CYCLONE COLLECTION SCREW B (SCRO-11B)			
4 E	1	RV-5203 M10 CYCLONE ROTARY VALVE (RVAL-11B)			
		Con	tinued Next Page		

Otter Tail Ag Enterprises, LLC Page:2

Route:

5000; DRYER/DDGS

WO:

001831

PM:

PM0001

DRYER BAG HOUSE 24 E X-5217 M35 BAG FILTER DISCHARGE SCREW (SCRU-32) 25 E RV-5207 M36 BAG FILTER DISCHARGE ROTARY VALVE (RVAL-33) 26 E FN-5201 M11 COMBUSTION FAN FOR ROTARY DRYER (FANC-11) 27 E FN-5203 M34 FLUID BED EXHAUST FAN (FANC-31)				PIVI: PIVIOUUT	WO Status:	
M18 RECYCLE ELEVATING DRAG CONVEYOR (DRAG-11)	Stop	CD		Location	Stock	Qty
RECIRCULATION FAN FOR ROTARY DRYER (FANC-12)	15	Е	M18 RECYCLE ELEVATING			
DRYER AIR HEATER	16	Е	RECIRCULATION FAN FOR			
M31 FLUID BED TRANSFER SCREW (SCRU-31)	17	Е				
M37 FLUID BED TRANSFER SCREW ROTARY VALVE (RVAL-31) 20 E Y-5203B WDGS SLIP STREAM CONVEYOR 21 E Y-5203A WDGS TRANSFER CONVEYOR 22 E RV-5206 M32 FLUID BED DISCHARGE ROTARY VALVE (RVAL-32) 23 E FBAG-31 DRYER BAG HOUSE 24 E X-5217 M35 BAG FILTER DISCHARGE SCREW (SCRU-32) 25 E RV-5207 M36 BAG FILTER DISCHARGE ROTARY VALVE (RVAL-33) 26 E FN-5201 M11 COMBUSTION FAN FOR ROTARY DRYER (FANC-11) 27 E FN-5203 M34 FLUID BED EXHAUST FAN (FANC-31)	18	Е	M31 FLUID BED TRANSFER			
WDGS SLIP STREAM CONVEYOR	19	Е	M37 FLUID BED TRANSFER SCREW ROTARY VALVE			
WDGS TRANSFER CONVEYOR	20	Е				
M32 FLUID BED DISCHARGE ROTARY VALVE (RVAL-32)	21	Е				
DRYER BAG HOUSE 24	22	E	M32 FLUID BED DISCHARGE			
M35 BAG FILTER DISCHARGE SCREW (SCRU-32) 25 E RV-5207 M36 BAG FILTER DISCHARGE ROTARY VALVE (RVAL-33) 26 E FN-5201 M11 COMBUSTION FAN FOR ROTARY DRYER (FANC-11) 27 E FN-5203 M34 FLUID BED EXHAUST FAN (FANC-31)	23	Е				
M36 BAG FILTER DISCHARGE ROTARY VALVE (RVAL-33) 26 E FN-5201 M11 COMBUSTION FAN FOR ROTARY DRYER (FANC-11) 27 E FN-5203 M34 FLUID BED EXHAUST FAN (FANC-31)	24	Е	M35 BAG FILTER DISCHARGE			
M11 COMBUSTION FAN FOR ROTARY DRYER (FANC-11) 27 E FN-5203 M34 FLUID BED EXHAUST FAN (FANC-31)	25	Е	M36 BAG FILTER DISCHARGE			
M34 FLUID BED EXHAUST FAN (FANC-31)	26	Е	M11 COMBUSTION FAN FOR			
28 E Y-5301	27		M34 FLUID BED EXHAUST FAN		¥	
	28	Е	Y-5301			
Continued Next Page						

Route:

5000; DRYER/DDGS

WO:

001831

PM:

PM0001

WO Status:

1

Stop	CD	Eqp/Loc/CC Description	Location	Stock	Qty	
		FLUID BED COOLER CONVEYOR				
29	E	Y-5302 CONVEYOR FROM DRYER TO DDGS BUCKET ELEVATOR	DRYER*-*-*-			
30	Е	BE-5303 DRY DDGS GRAIN LEG FROM DRYER TO INCLINE CONVEYOR LEG 5				
31	Е	Y-5304 NORTH/SOUTH INCLINE CONVEYOR	DDGS*-*-*-			
32	Е	Y-5305 DRY DDG EAST/WEST CONVEYOR				
33	Е	Y-5311 DDGS PIT CONVEYOR				
34	Е	BE-5315 DDG LOAD OUT LEG FROM DDGS TO BULK WEIGHER LEG 6				
35	Е	HP-5317 BULK WEIGHER HYDRAULIC PUMP				
36	Е	Y-5320 DDG LOADOUT CONVEYOR	DDGS*-*-*-			
37	Е	CH-5345 LOADOUT SPOUT OVER TRUCK				
38	Е	CH-5335 LOADOUT SPOUT OVER RAIL				
	End					

WORKORDER

Page: 1

Otter Tail Ag Enterprises, LLC

WO:

001843

Account:

Project:

Status: |

Submitted By:

Contact: Date, Time:

PM SCHEDULE

08/09/10,14:59

Phone:

Phone:

Required:

08/23/10

Type: Priority: PM3

Dispatched To:

7

Failure: Est Down:

OS Date, Time:

Safety Procs:

Rating: Action:

Downtime:

RS Date, Time:

PM Desc:

PM0001 W VISUAL INSPECTION

ROUTE INFORMATION

Route:

5000

DRYER/DDGS

PROBLEM DESCRIPTION

VISUALLY INSPECT MACHINE, NOTING ANY THING OUT OF THE ORDINARY, EG: LEAKS, SMOKE, UNUSAL VIBRATION, SPARKS ETC. ALSO NOTE ANY UNUSAL NOISES. IF A MINOR PROBLEM IS FOUND, REPAIR. CHECK OIL LEVELS WHERE APPLICABLE. CHECK SEAL POT LEVEL AND PRESSURE WHERE APPLICABLE.

COMMENTS

AUTHORIZATION/COMPLETION INFORMATION

Authorized By: Planned By:

PM SCHEDULE

Authorized:

08/09/10

Completed By:

Planned: Completed:

Otter Tail Ag Enterprises, LLC Page:1

Route:

5000; DRYER/DDGS

WO:

001843

PM:

PM0001

			1 1111	WO State	13. 1
Stop	CD	Eqp/Loc/CC Description	Location	Stock	Qty
1	Е	Y-5101 WETCAKE COLLECTING CONVEYOR	R		
2	Е	X-5201 M1 SYRUP MIXER (PMSX-11)			
3	Е	Y-5201 WET CAKE TRANSFER CONVEYOR			
4	Е	X-5202 M19 WET FEED SCREW CONVEYOR (SCRU-13)			
5	Е	Y-5202 M4 WET CAKE FEED CONVEYOR			
6	Е	X-5208 M2 DOUBLE SHAFT PADDLE MIXER (PMXT-11)			
7	Е	X-5209 M3 MIXER OUTLET SCREW CONVEYOR (SCRF-11)			
8	Е	DR-5250 M12 ROTARY DRUM DRIVE (ROTO-11)	DRYER*_*_*_*_		
9	E	X-5221 M5 HOPPER OUTLET SCREW (SCRU-11)			
10	E	RV-5221 M6 DRUM DISCHARGE ROTARY VALVE (RVAL-12)			
11	Е	X-5212 M7 CYCLONE COLLECTION SCREW A (SCRO-11A)			
12	Е	RV-5202 M9 CYCLONE COLLECTION ROTARY VALVE (RVAL-11A)			
13	Е	X-5213 M8 CYCLONE COLLECTION SCREW B (SCRO-11B)			
14	Е	RV-5203 M10 CYCLONE ROTARY VALVE (RVAL-11B)			
		Co	ontinued Next Page		

Otter Tail Ag Enterprises, LLC Page:3

Route: 5000; DRYER/DDGS

WO: 001843 PM: PM0001

WO Status: 1 Eqp/Loc/CC CD Stop Description Location Stock Qty FLUID BED COOLER CONVEYOR 29 Ε Y-5302 DRYER*-*-*-CONVEYOR FROM DRYER TO DDGS BUCKET ELEVATOR 30 Ε BE-5303 DRY DDGS GRAIN LEG FROM DRYER TO INCLINE CONVEYOR LEG 5 31 Ε Y-5304 DDGS*-*-*-NORTH/SOUTH INCLINE CONVEYOR 32 E Y-5305 DRY DDG EAST/WEST CONVEYOR 33 E Y-5311 DDGS PIT CONVEYOR 34 BE-5315 Ε DDG LOAD OUT LEG FROM DDGS TO BULK WEIGHER LEG 6 35 E HP-5317 BULK WEIGHER HYDRAULIC PUMP 36 Е Y-5320 DDGS*-*-*-DDG LOADOUT CONVEYOR 37 CH-5345 E LOADOUT SPOUT OVER TRUCK 38 E CH-5335 LOADOUT SPOUT OVER RAIL End

WORK ORDER

Page: 1

Otter Tail Ag Enterprises, LLC

WO:

001853

Account:

Project:

Status: |

Submitted By:

Contact:

Date.Time:

08/17/10,11:02

PM SCHEDULE

Phone: Required:

Phone:

08/30/10

Type: Priority:

PM 3

Dispatched To: Rating:

7

Failure: Est Down:

OS Date, Time: Safety Procs:

Action:

Downtime: RS Date, Time: PM Desc:

PM0001 W VISUAL INSPECTION

ROUTE INFORMATION

Route:

5000

DRYER/DDGS

PROBLEM DESCRIPTION

VISUALLY INSPECT MACHINE, NOTING ANY THING OUT OF THE ORDINARY, EG: LEAKS, SMOKE, UNUSAL VIBRATION, SPARKS ETC. ALSO NOTE ANY UNUSAL NOISES. IF A MINOR PROBLEM IS FOUND, REPAIR. CHECK OIL LEVELS WHERE APPLICABLE. CHECK SEAL POT LEVEL AND PRESSURE WHERE APPLICABLE.

COMMENTS

AUTHORIZATION/COMPLETION INFORMATION

Authorized By: Planned By:

Completed By:

PM SCHEDULE

Authorized:

08/17/10

Planned: Completed:

8.70

Route:

5000; DRYER/DDGS

WO:	:	001853	PM: PM0001	WO Sta	atus:
Stop	CE	Eqp/Loc/CC Description	Location	Stock	Qty
1	Е	Y-5101 WETCAKE COLLECTING CONVEYOR	3	8-20	
2	Е	X-5201 M1 SYRUP MIXER (PMSX-11)			
3	Е	Y-5201 WET CAKE TRANSFER CONVEYOR			
4	Е	X-5202 M19 WET FEED SCREW CONVEYOR (SCRU-13)			
5	Е	Y-5202 M4 WET CAKE FEED CONVEYOR			
6	Е	X-5208 M2 DOUBLE SHAFT PADDLE MIXER (PMXT-11)			
7	Е	X-5209 M3 MIXER OUTLET SCREW CONVEYOR (SCRF-11)			
8	Е	DR-5250 M12 ROTARY DRUM DRIVE (ROTO-11)	DRYER*_*_*_*_		
9	Е	X-5221 M5 HOPPER OUTLET SCREW (SCRU-11)			
10	Е	RV-5221 M6 DRUM DISCHARGE ROTARY VALVE (RVAL-12)			
11	Е	X-5212 M7 CYCLONE COLLECTION SCREW A (SCRO-11A)			
12	Е	RV-5202 M9 CYCLONE COLLECTION ROTARY VALVE (RVAL-11A)			
13	Е	X-5213 M8 CYCLONE COLLECTION SCREW B (SCRO-11B)			
14	Е	RV-5203 M10 CYCLONE ROTARY VALVE (RVAL-11B)			
	•	Co	ntinued Next Page		

Route:

5000; DRYER/DDGS

WO:

001853

PM:

PM0001

15 E	Eqp/Loc/CC Description X-5216 M18 RECYCLE ELEVATING DRAG CONVEYOR (DRAG-11) FN-5202 RECIRCULATION FAN FOR ROTARY DRYER (FANC-12) UH-5225 DRYER AIR HEATER	Location	Stock \$ -20	Qty
16 E	M18 RECYCLE ELEVATING DRAG CONVEYOR (DRAG-11) FN-5202 RECIRCULATION FAN FOR ROTARY DRYER (FANC-12) UH-5225		8-30	
	RECIRCULATION FAN FOR ROTARY DRYER (FANC-12) UH-5225		/	
17 E			/	
18 E	X-5218 M31 FLUID BED TRANSFER SCREW (SCRU-31)			
19 E	RV-5218 M37 FLUID BED TRANSFER SCREW ROTARY VALVE (RVAL-31)			
20 E	Y-5203B WDGS SLIP STREAM CONVEYOR			
	Y-5203A WDGS TRANSFER CONVEYOR			
	RV-5206 M32 FLUID BED DISCHARGE ROTARY VALVE (RVAL-32)			
	FBAG-31 DRYER BAG HOUSE			
	X-5217 M35 BAG FILTER DISCHARGE SCREW (SCRU-32)			
	RV-5207 M36 BAG FILTER DISCHARGE ROTARY VALVE (RVAL-33)			
	FN-5201 M11 COMBUSTION FAN FOR ROTARY DRYER (FANC-11)			
	FN-5203 M34 FLUID BED EXHAUST FAN (FANC-31)			
28 E	Y-5301			
	Co	ontinued Next Page		

Route:

5000; DRYER/DDGS

WO:

001853

PM:

PM0001

Stop	CD	Eqp/Loc/CC Description	Location	Stock	Qty
		FLUID BED COOLER CONVEYOR		6-20	
29	Е	Y-5302 CONVEYOR FROM DRYER TO DDGS BUCKET ELEVATOR	DRYER*-*-*-		
30	Е	BE-5303 DRY DDGS GRAIN LEG FROM DRYER TO INCLINE CONVEYOR LEG 5			
31	Е	Y-5304 NORTH/SOUTH INCLINE CONVEYOR	DDGS*-*-*-		
32	Е	Y-5305 DRY DDG EAST/WEST CONVEYOR			
33	Е	Y-5311 DDGS PIT CONVEYOR			
34	Ε	BE-5315 DDG LOAD OUT LEG FROM DDGS TO BULK WEIGHER LEG 6			
35	Е	HP-5317 BULK WEIGHER HYDRAULIC PUMP			
36	Е	Y-5320 DDG LOADOUT CONVEYOR	DDGS*-*-*-		
37	Е	CH-5345 LOADOUT SPOUT OVER TRUCK			
38	E	CH-5335 LOADOUT SPOUT OVER RAIL			
			End		